

| | | | | | |
|----------|-----|-----|-------|----------|----------------------|
| 04/23/97 | 257 | 316 | Class | Subclass | ISSUE CLASSIFICATION |
|----------|-----|-----|-------|----------|----------------------|

5965915
5965915

| | | |
|-----------------------|----------------------------|---------------|
| UTILITY SERIAL NUMBER | PATENT DATE OCT 12 1998 | PATENT NUMBER |
|-----------------------|----------------------------|---------------|

| | | | | | |
|----------------------------------|------------------------------------|--------------|-----------------|------------------------|----------|
| SERIAL NUMBER 08/692,227, 314 | FILING DATE 04/23/97 FILE 60 | CLASS 257 | SUBCLASS 316 | GROUP ART UNIT 2811 | EXAMINER |
|----------------------------------|------------------------------------|--------------|-----------------|------------------------|----------|

SHUNPEI YAMAZAKI, TOKYO, JAPAN; YASUHIKO TAKEMURA, KANAGAWA, JAPAN.

APPLICANTS

CONTINUING DATA***

VERIFIED THIS APPLN IS A DIV OF 08/692,227 08/07/96 PAT 5,789,292

WHICH IS A DIV OF 08/355,652 12/14/94 PAT 5,569,615

WHICH IS A DIV OF 08/142,048 10/28/93 PAT 5,541,138

T-T

FOREIGN APPLICATIONS***

VERIFIED JAPAN 4-316138 10/30/92

T-T

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 07/09/99

| | | | | | | | | |
|---|--|----------|-------------------------|--------------------|--------------------|--------------------|-----------------------------------|------------------------------------|
| Foreign priority claimed 35 USC 119 conditions met | <input type="checkbox"/> yes <input type="checkbox"/> no | AS FILED | STATE OR COUNTRY JFX | SHEETS DRWGS. 8 | TOTAL CLAIMS 24 | INDEP. CLAIMS 6 | FILING FEE RECEIVED \$1,098.00 | ATTORNEY'S DOCKET NO. 0756-1650 |
|---|--|----------|-------------------------|--------------------|--------------------|--------------------|-----------------------------------|------------------------------------|

Verified and Acknowledged Examiner's initials

SIXBEY FRIEDMAN LEEDOM & FERGUSON
2010 CORPORATE RIDGE
SUITE 600
MCLEAN VA 22102

TITLE

LASER PROCESSING METHOD, METHOD FOR FORMING A FLASH MEMORY, INSULATED GATE SEMICONDUCTOR DEVICE AND METHOD FOR FORMING THE SAME

U.S. DEPT. OF COMM./PAT. & TM - PTO-436L (Rev. 12-94)

| | | | |
|---|--|--|--|
| PARTS OF APPLICATION FILED SEPARATELY | | 2-16-99 Applications Examiner | |
| NOTICE OF ALLOWANCE MAILED 2-16-99 | | CLAIMS ALLOWED Total Claims 19 Print Claim 1 | |
| ISSUE FEE Amount Due 1210.00 Date Paid 05-18-99 | | DRAWING Sheets Drwg. 8 Figs. Drwg. 25 Print Fig. 9(E) | |
| Label Area | | ISSUE BATCH NUMBER P19 | |
| Assistant Examiner Gene M. Munson EXAMINER GROUP ART UNIT 2831 Primary Examiner | | PREPARED FOR ISSUE | |
| WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only. | | | |

Form PTO-436A (Rev. 8/92)

SCAN 5 BW
QC
Dw
CRR

BEST AVAILABLE COPY

ISSUED IN PART

(FACE)

STAPLE

AREA

☆U.S. GOVERNMENT PRINTING OFFICE: 1998-440-769

PATENT NUMBER

ORIGINAL CLASSIFICATION

CLASS

SUBCLASS

257

346

APPLICATION SERIAL NUMBER

847,314

CROSS REFERENCE(S)

CLASS

SUBCLASS
(ONE SUBCLASS PER BLOCK)

257

316

344

APPLICANT'S NAME (PLEASE PRINT)

YAMAZAKI ET AL

IF REISSUE, ORIGINAL PATENT NUMBER

INTERNATIONAL CLASSIFICATION

H 0 1 L

29/788

GROUP
ART UNIT

2811

ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

GENE M. MUNSON

PTO 270
(REV. 5-91)

ISSUE CLASSIFICATION SLIP

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE